

AUTHOR INDEX

A

Aaron, Deborah L., 817
 Abbas, Maher A., 341, 912, 921, 1012
 Abood, Gerard J., 784
 Abouseif, Sherif, 341
 Aboutanos, Michel B., 476, 802
 Acosta, Jose A., 993
 Adair, Jamie D., 113
 Adams, David B., 503, 729, 735
 Adams, Joshua D., 138
 Adams, Sasha D., 335
 Agle, Steven C., 494
 Aguayo-Albasini, José Luis, 29
 Ahmed, Aryan, 201
 Ahmed, Bestoun H., 201
 Ahmed, Hesham, 235
 Al-Aali, Ali Yousef, 201
 Alam, Hasan B., 124, 297
 Al-Chalabi, Abbas, 201
 Alexander, Magdi, 917
 Ali, Syed O., 20
 Alrawi, Sadir J., 201
 Al-Saadi, Sam, 635
 Altamirano, Maria, 1017
 Alvarez-Tostado, Javier, 214
 Alvear, Domingo T., 644
 Amortegui, Jose D., 443, 1198
 Anagnostopoulou, Sofia, 430
 Andersen, Charles, 217
 Ang, Darwin N., 757
 Aoki, Fumoi, 1202
 Apaydin, Nihal, 440
 Argo, Joshua L., 530
 Arnoletti, J. Pablo, 594
 Aronowitz, Joel, 902
 Arrangoiz, Rodrigo, 1073
 Arthurs, Zachary M., 172
 Asad, Muhammad, 1111
 Attanasio, Philipp, 350
 Avalos, Brenda, 967
 Awad, Ziad T., 201, 400

B

Backhus, Leah, 1088
 Ballem, Naveen, 469
 Barbeau, James S., 1159
 Barbour, John R., 729
 Bard, Michael R., 494
 Barnard, Danielle L., 524
 Barone, James E., 1151
 Barrios, Cristobal, 958
 Barthel, James S., 1215
 Basso, Luigi, 62
 Batezel, Valerie, 1206
 Bee, Tiffany K., 516
 Behrman, Stephen W., 572
 Beidler, Stephanie K., 488
 Bellows, Charles F., 322
 Belzberg, Howard, 117
 Benjamin, Elizabeth R., 1033
 Benotti, Peter, 832
 Bhaskara, Achala, 1017
 Bhoot, Niles, 1111
 Bilchik, Anton, 47, 1100
 Bingener, Juliane, 156
 Bittner, James G., IV, 315, 713
 Bland, Kirby L., 469
 Bledsoe, Samuel E., 133
 Bloomston, Mark, 91
 Bluman, Eric, 217
 Bochicchio, Grant V., 267
 Bochicchio, Kelly, 267

Bock, John, 1206
 Bolognese, A., 62
 Bolton, John, 793
 Bour, Eric S., 462
 Bowden, Talmadge, 1195
 Brams, David M., 389
 Bricker, Scott, 1006
 Britt, L.D., 455, 845, 1182
 Britt, Rebecca C., 845
 Browder, Timothy, 891, 935
 Brown, Carlos, 891, 935, 1088
 Brown, Holly, 476
 Brown, Tommy A., 172
 Brundage, Susan I., 103
 Bu-Ali, Hanadi, 702
 Buch, Kerri E., 227
 Burgard, Michael, 400
 Burgdorf, Michael, 11
 Burkett, Allison B., 580
 Burkey, Brian B., 686
 Butler, John, 981
 Buzzell, Nicole M., 607
 Byers, Patricia M., 834
 Bynon, J. Steve, 594
 Byrne, T. Karl, 729

C

Campbell, Ted R., 620
 Campillo-Soto, Alvaro, 29
 Cance, William G., 1186
 Candel-Arenas, Mari Fe, 29
 Cannon, Robert, 1195
 Cao, Hanqing, 679
 Caputo, Maria, 62
 Caralis, James, 113
 Carbonell, Alfredo M., II, 481
 Caro, Susan W., 659
 Carrillo, Sergio A., 56
 Carrillo-Alcaraz, Andrés, 29
 Carsten, Christopher G., III, 555, 620
 Carter, Robert R., 338
 Cash, Michael P., 686
 Casos, Steven R., 798
 Cass, Anna L., 555, 607, 614, 620
 Castaldo, Eric T., 262
 Cave, Matt, 428
 Cavun, Sinan, 160
 Cesanek, Paul B., 136
 Chaar, Cassius Iyad Ochoa, 350
 Chan, Linda S., 1088
 Chan, Tony, 977
 Chapman, Jason R., 726
 Chatzikokolis, Stamatis, 430
 Chauvin, Sheila W., 817
 Cheatham, Michael L., 746, 770, 806
 Chen, Fang-Ming, 237
 Chen, Mike K., 757
 Cheng, Stephen, 433
 Chin, Edward H., 227
 Choi, Yong U., 322
 Chow, Warren, 997
 Christine, John D., 530, 602
 Christie, D. Benjamin, III, 726
 Christmas, A. Britton, 141
 Chuang, Jui-Fen, 237
 Cinat, Marianne E., 958
 Clark, Jason M., 327
 Clark, Steven, 260
 Clement, L. Paige, 516
 Clements, Ronald H., 469
 Clifton, Joanne C., 97
 Cobb, William S., IV, 481, 614

Cofer, Joseph, 743
 Cohen, Marilyn, 988
 Cohn, Isidore, Jr., 817
 Cole, Fredric C., 845
 Colella, Joseph J., 689
 Collins, J. Craig, 985
 Collins, Jay N., 845, 1182
 Conforti, Arnold M., 726
 Constantinou, Constantinos, 587, 813, 1177
 Contreras, Juan L., 530
 Conway, Anne, 267
 Conway, William C., 1100
 Cooler, Arthur W., 73
 Cooley, Denton A., 381, 388
 Copeland, Edward M., III, 739
 Coselli, Joseph S., 364
 Costantini, Todd W., 993
 Cotton, Bryan A., 866
 Cowgill, Sarah M., 626, 635
 Cox, Diane, 156
 Cross, Richard, 201
 Crawford, E. Stanley, 381
 Croce, Martin A., 516, 524
 Cryer, H. Gill, 988, 1033
 Cull, David L., 555, 607, 620
 Cummings, Glenn R., 1083
 Curry, Nancy S., 1146

D

Dahmen, Anja, 15
 Daley, Brian J., 1166
 Dalton, Martin L., 542
 Daly, Charles A., 607
 Damadi, Amir A., 1073
 Dangleben, Dale, 136
 Danielpour, Payman, 56
 Davidovic, Lazar, 1171
 Dávila-Cervantes, Andrea, 214
 Davis, Brian R., 510
 Davis, Wade, 400
 Davit, Flavia E., 423
 Day, J. Daniel, 726
 de los Monteros, Antonio Espinosa, 214
 de Moya, Marc, 124, 297
 De Toma, Giorgio, 62
 de Virgilio, Christian, 930, 977
 Dearing, Daniel D., 917
 DeBakey, Michael E., 381, 387
 DeChert, Tracey, 476, 802
 DeCuyper, Michael, 524
 Deladisma, Adeline M., 767
 DeLegge, Mark, 735
 Delgado, Dennis G., 133
 Demetriades, Demetrios, 117, 891, 925, 935, 953
 Deng, Joseph Y., 1022
 Dente, Christopher J., 538
 Depew, Aron J., 906
 deKijk, Waldemar G., 524
 Desantis, Joseph, 1177
 Detterbeck, Frank, 350
 Devgan, Lara, 997
 DeZee, Kent J., 413
 Dhawan, Manish K., 689
 di Francesco, Fabrizio, 129
 di Sandro, Stefano, 129
 Díaz, Alberto, 967
 Difronzo, L. Andrew, 887, 1012
 Dimitrijevic, Milovan, 1171
 Divino, Celia M., 227, 405, 721
 Dixon, Jennifer, 735
 Dixon, Lisa R., 654

Dolce, Charles J., 695
 Dolich, Matthew, 958
 Domeyer, Mario, 15
 Dominguez, Edward P., 322
 Donoghue, Lydia, 1057
 Doria, Cataldo, 129
 Dort, Jonathan M., 149, 855
 Dortch, Marcus J., 679
 Dosssett, Lesly A., 679
 Douillet, Christelle D., 488
 Dressel, Rhonda, 310
 Driessen, Natalie, 906
 Dring, Robert J., 20
 Duane, Therèse M., 476, 802
 DuBose, Joseph J., 925
 Duchesne, Juan C., 11, 1159
 Duggan, Michael, 297
 Dukic, Vojko, 1171
 Dunn, Ernest, 260, 433
 Dunn, Kelli Bullard, 59
 Dutson, Erik, 962
 Dzodic, Radan, 1171

E

Eckhoff, Devon E., 594
 Edelman, David A., 1057
 Edwards, Michael A., 315, 713
 Edwards, Norma M., 524
 Ehrlich, Frank, 146
 El Sayed, Hosam F., 91
 El Sibai, Olfat, 69
 Elgamal, Mohamed H., 108
 Ellenhorn, Joshua, 902
 Ellis, Richard L., 1211
 Ellison, E. Christopher, 91, 563
 Emoto, Akio, 302
 Enderson, Blaine L., 1166
 Eng, Mary, 4
 Engel, Amy, 839
 Eppley, Chris, 839
 Ercan, Ilker, 160
 Erdoes, Luke S., 210
 Espat, N. Joseph, 79
 Eysselein, Viktor E., 1026

F

Fabian, Timothy C., 516, 524
 Fakhre, G. Peter, 43
 Fares, Louis G., II, 1206
 Feliberti, Eric, 707
 Feliciano, David V., 335, 538
 Feurer, Irene D., 262
 Finley, Christian J., 97
 Finley, Richard J., 97
 Fischer, Peter E., 516, 524
 Fitzgibbons, Shima C., 389
 Flores-Pastor, Benito, 29
 Foley, David S., 798
 Foley, Eugene F., 138
 Ford, Henri, 1088
 Fowler, Jessica, 746, 806
 Fradis, Martin, 721
 Frank, Adam, 129
 Franklin, Glen A., 274, 410, 798
 Friedman, Tal, 354
 Friel, Charles M., 138
 Froman, Carol R., 330
 Fuhrman, George, 580
 Fujiwara, Shozo, 302
 Fulda, Gerard, 858

G

Gabali, Ali M.,	318
Gamblin, T. Clark,	87, 346
Ganesan, Santhi,	318
Garguilo, Gerard,	423
Garrean, Sean,	79
Garza, Jennifer J.,	195
Gatmaitan, Patrick,	423
Gazoni, Leo M.,	138
Gbadebo, Adebayo,	858
Geiger, Timothy M.,	400
Georgiadis, Gregory M.,	761
Geottler, Claudia E.,	494
Gersin, Keith S.,	548, 1066
Gervasini, Alice,	124
Gherai, Marcelo M.,	56
Giles, Heath,	750
Girishkumar, H.T.,	1111
Gockel, Ines,	15
Goldman, Mitchell H.,	1198
Gonzalez, Javier,	635
Gonzalez, Quintin H.,	214
Gonzalez, Richard P.,	1083
Goodnight, Travis J.,	855
Gordon, William,	113
Gosche, John R.,	1062
Gracias, Vicente H.,	253
Grandas, Oscar H.,	1198
Grandhi, Ramesh,	802
Gray, Stephen H.,	602
Greco, Joseph A., III,	262
Green, D.J.,	925
Green, Donald,	117, 953
Greenfield, Sheldon,	981
Greenstein, Alexander J.,	227, 405
Grobmyer, Stephen R.,	654, 739, 1186
Groves, Joshua R.,	542
Gucwa, Angela,	1195
Guillamondegui, Oscar D.,	262
Gusani, Niraj J.,	87
Guth, Amber A.,	152

H

Ha, Chi D.,	644
Hadjizacharia, Pantelis,	1088
Hadzikadic, Mirsad,	548
Haigh, Phillip I.,	887
Hajdu, Cristina H.,	168
Hamadani, Ali,	921
Hannon, Matthew,	1088
Hansen, Erik N.,	753
Haraway, A. Neal,	11
Harbrecht, Brian G.,	199, 410, 798
Hardacre, Jeffrey M.,	481
Harms, Steven E.,	739
Harold, Kristi L.,	481
Harris, Elizabeth,	753
Hartle, J. Edward,	832
Harvey, Kyle P.,	113
Hassan, Chandra,	1111
Hawkins, Michael L.,	767
Hawn, Mary T.,	602
Heath, Kirk,	1182
Hedrick, Traci L.,	138
Heintz, Achim,	15
Hellinger, Jeffrey C.,	103
Helmer, Stephen D.,	855, 862
Helperin, Edward C.,	1078
Heniford, B. Todd,	141, 305, 548, 695, 1066
Hering, Justin,	79
Hernandez, Jonathan M.,	1215
Heslin, Martin J.,	214, 594
Hewitt, Winston R.,	43

Hiatt, Jonathan R.,	988, 1033
Hicks, David,	59
Hilton, Charles W.,	817
Hinojosa, Marcelo W.,	939, 948
Ho, Joyce M.,	1026
Hochwald, Steven N.,	654, 739, 757, 1186
Hofeldt, Matthew,	1069
Holsten, Steven B., Jr.,	1195
Hope, William W.,	178
Horner, Ian,	243
Horton, John D.,	413
Hosaka, Akihiro,	1202
Howard, J. Harrison,	594
Howell, D. Shannon,	817
Hoyt, David B.,	958, 993
Hsiang, David,	981
Hsieh, Jan-Sing,	237
Hsu, Tzu-Chi,	824
Hu, Charles K.,	906
Huffman, Kristy,	1069

I

Iannitti, David A.,	178, 548, 695, 1066
Iaria, Maurizio,	129
Iddings, Douglas M.,	47
Ilic, Nikola,	1171
Inaba, Kenji,	117, 891, 925, 935, 953
Islam, Saleem,	1062, 1104
Iwai, Ed A.,	108
Ito, Eisaku,	1202
Ivatury, Rao R.,	476, 802
Izzo, Luciano,	62
Izzo, Paolo,	62

J

Jacobs, David G.,	141
Jaffe, Bernard M.,	322
Jain, Krishna M.,	1154
Jakowatz, James,	981
Jani, Jigna,	79
Jensen, Candice,	962
Jian, Shikha,	1154
Jim, Jeffrey,	988
Johnson, J. Chad,	866
Johnson, Jeanne M.,	1211
Johnston, Jeffrey,	91
Jolly, Shashank,	310
Jones, Christian,	935
Jones, Susan K.,	195
Jones, Wesley B.,	462
Jorden, Jeffrey,	1041
Julien, Lucas,	1073
Junginger, Theodor,	15

K

Kagawa, Ryuzaburo,	232
Kalbaugh, Corey A.,	555, 607, 620
Kalina, Michael,	858
Kaloostian, Carolyn,	1012
Kapur, Arthi,	702
Karakousis, Constantine P.,	1094
Karsten, Benjamin,	973
Kaufman, Daniel,	235
Kaufman, Gabriel,	152
Kaufman, Howard S.,	967
Keesara, Sravanthi R.,	935

Keller, Jennifer E.,	695
Kelley, Joseph E.,	327
Kelley, Scott T.,	1215
Kelso, Rebecca,	967
Kemp, Clinton D.,	866
Kempf, Ashley,	981
Kent, Raleigh B., III,	133
Ker, Tim S.,	1030
Kercher, Kent,	548
Kercher, Kent W.,	305, 695, 1066
Keutmann, Michael K.,	253
Kilgore, Meredith L.,	602
Kilkenny, John, III,	201
Kim, C. Anthony,	243
Kim, Flora S.,	172
Kim, Justin,	973
Kim, Tad,	654
King, Justin,	973
Kingham, T. Peter,	1050
Kirdak, Turkey,	160
Klapheke, W. Patrick,	798
Klein, Doron,	354
Klipfel, Nancy,	967
Ko, Clifford Y.,	997, 1001
Kochupura, Paul V.,	580
Kodumudi, Gopal,	285
Koontz, Curt S.,	327
Kopar, Pirooska,	538
Kraemer, Emily,	626
Kuhn, M. Ann,	195
Kulaylat, Mahmoud N.,	1094
Kulber, David,	902
Kulkarni, Abhijit,	689
Kumar, Ravin R.,	973
Kumar, Shakthi D.,	1154
Kuwada, Tim,	548

L

Lai, Lily L.,	1017
Lam, Ryan,	440
Laman, Douglas,	750
Lambert, Pamela J.,	1211
Landercasper, Jeffrey,	1211
Landis, Ryan M.,	524
Landry, Christine S.,	418
Lane, John,	981
Lane, Karen,	981
Langan, Eugene M., III,	555
Lankachandra, Kamani M.,	338
Larsen, Alan N.,	809
Lauer, Sherry K.,	310, 761
Laxa, Bernadette U.,	481
Leber, David C.,	644
Lecompte, Michael,	510
Ledesma, Elihu J.,	138
Lee, Dong-Joon,	912
Lee, Edward,	977
Lee, Sarah J.,	898
Lekawa, Michael,	958
Lele, Shashikant B.,	59
Lemair, Scott A.,	364
Lemus-Rangel, Rafael,	921
Leoni, Stuart M.,	1146
Leonardi, Michael J.,	988
LeRoux, Peter D.,	253
Lesser, Timothy,	341
Levyer, Thomas,	1107
Levva, Sofia,	1190
Lewis, Angela M.,	64
Lewis, Catherine,	962
Lewis, John N.,	189
Lewis, Roger J.,	930, 977
Li, Ryan,	346
Li, Yongqing,	297
Lincourt, Amy E.,	305, 548
Linganna, Sanjay,	84
Lisle, Turner C.,	138
Lohan, Jay,	76

Lopez, Javier,	285
Lopez, Peter P.,	834
Lottenberg, Lawrence,	757
Loukas, Marios,	84, 440
Lourié, David J.,	1022
Lu, Chien-Yu,	237
Luchette, Fred A.,	784
Lum, Sharon S.,	944
Lumpkins, Kimberly,	267
Lush, Stephanie,	958
Lyons, Cynthia,	548

M

Ma, Cheng-Jen,	237
MacFadyen, Bruce V., Jr.,	713
Maggard, Melinda A.,	1001
Magno, Cheryl,	981
Magnotti, Louis J.,	516, 524
Maher, Janae,	862
Mahid, Suhail S.,	189
Mahmood, Ali,	113
Mahmoud, Najjia N.,	250
Maish, George O., III,	516
Makary, Martin,	997
Malhotra, Ajai K.,	476, 802
Malinoski, Darren,	958
Mallat, Ali F.,	1166
Maloney, Nell,	707, 845
Maloney-Wilensky, Eileen,	253
Mancini, Matthew L.,	1166
Mangram, Alicia,	260
Mangus, Barry E.,	862
Margolin, Daniel J.,	829
Margulies, Daniel,	891
Marlowe, Steven I.,	809
Marr, Alan B.,	1159
Marsh, J. Wallis,	87
Marsh, William B.,	91
Marshall, Julia,	739
Martin, Deborah A.,	809
Martin, Robert C.G., II,	64, 418
Martin, Tomas D.,	757
Marvin, Michael,	4
Masaki, Yukiyoshi,	1202
Mathew, Kavitha A.,	1159
Maxwell, Damian,	1069
May, Addison K.,	679
Mayo-Smith, William W.,	178
McAninch, Jack W.,	667
McCafferty, Michael H.,	189, 1041
McC Campbell, Beth L.,	542
McDermott, Dustin,	1107
McHenry, Christopher R.,	37
McMasters, Kelly M.,	64, 418
McNally, Megan E.,	338
McSwain, Norman E.,	1159
Medeiros, Regina,	767
Megibow, Alec J.,	168
Mehran, Amir,	962
Mejia, Alejandro,	156, 433
Meka, Madhavi,	832
Mekeel, Kristin L.,	481
Mellinger, John D.,	713
Melvin, Willie V.,	686, 849
Menke, David M.,	43
Merchant, Nipun B.,	753
Methodius-Ngwodo, Walaya C.,	580
Michalek, Joel,	156
Michel, Randall G.,	51
Miedema, Brent W.,	400
Miguel-Perelló, Joana,	29
Miller, Aaron T.,	405
Miller, Frank B.,	410
Miller, Richard S.,	262
Minard, Gayle,	516

Mincheff, Thomas V., 73
 Miranda, M.J., 750
 Mittal, Vijay, 702
 Molina, Enrique Martinez, 27
 Moore, Amy B., 726
 Morgan, John W., 944
 Morgan, Katherine A., 729, 735
 Morris, George C., Jr., 381
 Morris, John A., Jr., 262
 Morris, John M., Jr., 679
 Morse, Bryan C., 614
 Mortellaro, Vincent E., 739
 Morton, Connor, 626
 Mostafa, Gamal, 305
 Mowery, Nathan T., 679
 Mukherjee, Kaushik, 686
 Muklekar, Madhuri S., 1083
 Munn, John S., 1154
 Myers, Katherine M., 462

N

Naidu, Deepak K., 189
 Nakayama, Don K., 542, 726
 Nalesnik, Michael A., 87, 346
 Nanci, Gabriella N., 809
 Nandipati, Kalyana, 221
 Narayan, Deepak, 285
 Natsis, Konstantinos, 1190
 Nauta, Allison C., 224
 Nauta, Russell J., 224
 Navarro, Victor, 129
 Needleman, Laurence, 129
 Nestor, Jennings, 1069
 Netterville, James L., 686
 Newcomb, William L., 178, 548
 Nguyen, Andre C., 906
 Nguyen, Nhien, 1012
 Nguyen, Ninh T., 939, 948
 Nguyen, Scott Q., 227
 Niazi, Masooma, 221
 Nields, William W., 43
 Nishizaki, Daisuke, 232
 Noguchi, Takuya, 302
 Noguchi, Tsuyoshi, 302
 Nold, R. Joseph, 855
 Norcross, E. Douglas, 1146
 Nussbaumer, Karen, 124

O

Obmann, Melissa, 1177
 O'Connor, James, 267
 Oliver, Adrienne E., 133
 Oncel, Didem, 953
 Orlando, Frank A., 201
 Ortega, Adrian E., 967
 Osland, Jacqueline S., 437
 Osmer, Robert L., 108
 Oswanski, Michael F., 310, 761
 Ozao-Choy, Junko, 721

P

Pachter, H. Leon, 152
 Paige, John T., 817
 Pappas, Peter, 746
 Parikh, Alexander A., 753
 Parikh, Janak A., 1001
 Parthivel, Vellore, 221
 Parker, William, 767
 Parr, Alexander G., 757

Pascual, Jose L., 253
 Patel, Jitesh A., 689
 Patel, Nilesh A., 689
 Patetsios, Peter, 146
 Paton, B. Lauren, 305, 1066
 Paul, Harold, 635
 Paulson, E. Carter, 250
 Paz, I. Benjamin, 1017
 Peng, Peter D., 103
 Perry, Roger, 707
 Petrone, Patrizio, 967
 Petrovick, Laurie, 124
 Phade, Sachin V., 494
 Phay, John E., 659
 Phelan, Herbert A., 1083
 Phitayakorn, Roy, 37
 Pinsky, Michael R., 1159
 Plurad, David, 117, 925, 953
 Pokala, Naveen, 1111
 Polk, Hiram C., Jr., 189
 Potdar, Santosh, 832
 Powell, Anatheia C., 168
 Prats, Milagros Carrasco, 29
 Priebe, Paul, 318
 Putnam, Brant A., 930, 1006
 Putty, Bradley, 925

Q

Qian, Dajun, 902

R

Rabbi, Jamal, 761
 Rader, Melissa, 743
 Raji, Manish, 1073
 Rajput, Ashwani, 59
 Ramamoorthy, Sonia, 993
 Ramenofsky, Max, 587
 Ramirez, Carlo, 129
 Rao, Arun J., 108
 Rattenberry, Jennifer, 97
 Ravindra, Kadiyala V., 4
 Rayhanabad, Jessica A., 887
 Raynato, Berroya, 146
 Reavis, Kevin M., 939, 948
 Recabaren, James A., 917
 Reed, Alan L., 757
 Reed, Scott F., 845, 1182
 Reeder, Rachel C., 1206
 Reilly, Patrick M., 253
 Rhee, Peter, 117, 935, 953
 Rich, Preston B., 488
 Richardson, Albert I., 542
 Richardson, J. David, 274, 363, 410, 783, 798
 Richmond, Bryan, 76, 1069
 Riesenman, Kathryn P., 488
 Riesenman, Paul J., 488
 Riordan, William P., 866
 Rodning, Charles B., 1083
 Roettger, Richard H., 614
 Román, Ivan, 967
 Romero, Lina, 887
 Rosemurgy, Alexander, 635
 Rosemurgy, Alexander S., 626
 Rosen, Michael J., 481
 Rosenthal, David, 580
 Roses, Daniel F., 152
 Rosing, David, 977
 Ross, Lauren A., 1211
 Ross, Sharon B., 626, 635
 Roth, Leslie, 1041
 Rotondo, Michael F., 494

Roy-Chowdhury, Sharmila, 944
 Rozycki, Grace S., 538
 Rubin, Geoffrey D., 103
 Rucho, Susan, 548
 Ruddy, Jean Marie, 1146
 Ruiz-Tovar, Jaime, 27
 Rummel, Mark C., 1154
 Runyan, Bratcher L., 437
 Rushing, Gregory D., 845

S

Saadai, Payam, 405
 Saber, Alan A., 108
 Saied, Abdul, 79
 Sáinz, Renato, 27
 Sakata, Shingo, 232
 Salim, Ali, 117, 891, 935, 1088
 Sanjuanbenito, Alfonso, 27
 Sasu, Sebastian, 1100
 Satish, Khaneja, 146
 Saxe, Andrew W., 1073
 Scalea, Thomas M., 267
 Schaub, Nicholas Paul, 707
 Schaub, Stacey, 267
 Schenarts, Paul J., 494
 Schirmer, Bruce, 827
 Schmelzer, Thomas M., 141
 Schmelzer, Thomas S., 1066
 Schmieg, Robert E., Jr., 11
 Schneider, Heather, 707
 Schnelldorfer, Thomas, 503
 Schreck, Maggie, 285
 Schroepel, Thomas J., 516
 Schulman, Carl L., 834
 Schulman, Ira, 117
 Schwab, C. William, 1133
 Scoggins, Charles R., 64, 418
 Seagle, M. Brent, 757
 Senkowski, Christopher, 832
 Shabatin, Hooman, 912
 Shaddix, Kyle K., 43
 Shafik, Ahmed, 69
 Shafik, Ali A., 69
 Shafik, Ismail A., 69
 Shah, Malay B., 315, 713, 1195
 Shalom, Avshalom, 354
 Shamamian, Peter, 168, 1050
 Sharma, Om P., 310, 761
 Sharp, Kenneth W., 274, 849
 Sheldon, David, 813
 Shen, Jeannie, 902
 Shen, Luke Y., 862
 Shew, Stephen, 988
 Shiflett, Anthony, 925
 Shih, Ying-Ling, 237
 Shin, Susanna H., 1182
 Shinde, Trupti, 689
 Shoja, Mohammadali M., 440
 Shore, Gregg, 214
 Shulman, Ira, 953
 Sicoutris, Corinna, 253
 Silvestry, Scott, 129
 Simard, Marc, 267
 Simmons, Jon D., 11
 Sing, Ronald F., 141, 548
 Singh, Amolak, 400
 Singh, Niten, 217
 Sivakumar, Mahalingam, 1111
 Skandalakis, John E., 1, 330
 Skandalakis, Panagiotis, 1190
 Skandalakis, Panayiotis, 430
 Skinner, Sean, 195
 Smith, Brian R., 939, 948
 Smith, J. Kevin, 594
 Smith, Jennifer, 1006
 Smith, Lisa A., 327, 750

Smith, Philip W., 138
 Smith, R. Stephen, 149, 437, 855, 862
 Smith, Richard, 59
 Snyder, Bruce A., 555
 Snyder, Rebecca A., 753
 Sohn, Vance Y., 172
 Sokolich, Julio, 433
 Solh, Melhem, 702
 Solla, Julio A., 443
 Soria-Aledo, Victor, 29
 Sozio, Margaret S., 428
 Spain, David A., 103
 Spaniolas, Konstantinos, 124, 297
 Stabile, Bruce E., 977, 1026
 Starnes, Benjamin, 217
 Stawicki, Stanislaw Peter, 1133
 Steers, Jeffery L., 43
 Stefan, Bianca, 834
 Stefanidis, Demitrios, 695
 Stein, Sherman C., 253
 Stombaugh, Heather A., 310, 761
 Stone, Taylor J., 488
 Stout, Christopher L., 542
 Stover, Daniel G., 659
 Sucandy, Iswanto, 587
 Sugizaki, Katsuyoshi, 1202
 Sun, Li-Chu, 237
 Suydam, Erin, 1195
 Swanson, Joseph M., 516
 Sweat, Jeffrey A., 149
 Sweeney, John F., 322
 Swenson, Brian R., 138

T

Tabbara, Malek, 297
 Takahashi, Hiroshi, 232
 Takeda, Ryoji, 232
 Talbot, Glenn E., 338
 Tamaro, Yolanda, 721
 Tan, Dongfeng, 201
 Tapper, Donovan, 626
 Tasaki, Yoshihisa, 302
 Tataria, Monika, 103
 Taylor, Benedict J.W., 898
 Taylor, Spence M., 275, 555, 607, 620
 Teicher, Erik J., 136
 Teixeira, Pedro G.R., 891, 925, 935, 953, 1088
 Tejirian, Talar, 962
 Thaler, Klaus, 400
 Thalheimer, Liza, 76
 Thatigotla, Bala, 1111
 Thomas, Bryan N., 729
 Thompson, William K., 542
 Tibbs, Brian M., 538
 Tillou, Areti, 988, 1033
 Tinkoff, Glen, 858
 Tolosa, Drago, 750
 Tomljanovich, Paul I., 59
 Totlis, Trifon, 1190
 Tran, Tuan, 958
 Traxler, L. Brannon, 462
 Trinh, Tran Tong, 15
 Trisal, Vijay, 1017
 Troupis, George, 430
 Troupis, Theodore, 430
 Truong, Caitlyn, 944
 Tsau, Kang, 51
 Tsikaras, Prokopios, 1190
 Tsitouridis, Ioannis, 1190
 Tubbs, R. Shane, 84, 440
 Tublin, Mitchell E., 87
 Tuggle, David W., 195
 Tyburski, James G., 1057
 Tyler, Joshua A., 1107
 Tzeng, Ching-Wei D., 594

U

Uchal, Miroslav, 689

V

Vadivelu, Nalini, 285
 Valentine, John D., 614
 Van Way, Charles W., III, 338
 Vaughn, Danny M., 542
 Velmahos, George C., 124, 297, 1149
 Veneri, Paula, 858
 Vercruysse, Gary A., 335
 Vick, Laura R., 1104
 Vickers, Selwyn M., 214
 Vijaya, Nirujogi, 146
 Villadolid, Desiree, 626, 635
 Vitale, David, 510
 Vitale, Gary C., 510
 Vitale, Michael, 510
 Voelzke, Bryan B., 667
 Vrochides, Dennis V., 178

W

Wagner, Michel, 413
 Waibel, Brett H., 494
 Walters, K. Christian, 1066
 Walvekar, Rohan R., 346
 Wang, Jaw-Yuan, 237
 Wang, Thomas, 594
 Wasif, Nabil, 1100
 Waterman, Alyson L., 1186
 Waxman, Kenneth, 898
 Weber, Kaare J., 227, 721
 Wei, John P., 389
 Weinstock, Bernard I., 51
 Weireter, Leonard J., 845
 Weireter, L.J., 1182
 Weise, David, 1073
 Welch, John P., 20
 Wellons, Eric D., 580
 Wesley, Mary M., 469, 530
 Wester, Susan M., 1211
 Westreich, Melvyn, 354
 Wheatley, Grayson H., III, 91
 White, Michael T., 1057
 Wicky, Stephan, 124

Widom, Kenneth, 1177
 Wieman, Stephanie M., 1211
 Williams, Eric, 849
 Willis, Irvin, 56
 Wilson, Robert F., 1057
 Winfield, Robert D., 757
 Wolfe, Luke G., 476, 802
 Wong, Daniel R., 364
 Wong, Jan H., 944
 Woodall, Charles E., III, 64, 338
 Woods, Kevin, 849
 Woods, Scott E., 839
 Wright, Byron E., 47
 Wright, Richard, 243
 Wright, Robert C., 243

Y

Yaghoubian, Arezou, 930, 977
 Yamaguchi, Tetsuya, 232
 Yamamoto, Michihiro, 232
 Yamasaki, Kazuki, 1202

Yamout, Sani Z., 1062
 Yang, Tong, 817
 Yanish, Gregory, 113
 Yarbrough, Wendell G., 686
 Yasui, Hiroshi, 232
 Yee, John, 97
 Yegiyants, Sara, 985, 1012
 Yellumahanthi, Kishore, 469
 Yermilov, Irina, 997
 Yilmazlar, Aysun, 160
 Yilmazlar, Tuncay, 160
 York, John W., 555, 620
 Youkey, Jerry R., 607
 Yun, Huifeng, 602

Z

Zachariadis, Michael, 430
 Zarzaur, Ben L., 516, 572
 Zaydfudim, Victor, 659
 Zenilman, Michael E., 235
 Zingmond, David S., 1001

SUBJECT INDEX

A

- Abdomen
 - fetus in fetu presenting as mass in (letter), 883
 - open, current state of, 891
 - postoperative adhesions of, preventing, 1107
 - transdiaphragmatic hernia of, costal margin disruption with, 350
 - trauma to
 - hepatic portal venous gas after, 335
 - infections of, 1057
- Abdominal closure techniques, current state of, 891
- Abdominal compartment syndrome, subcutaneous linea alba fasciotomy for, 746
- Abdominal incision, midline, large gaps of, 1094
- Abdominal insufflation, decreasing blood loss, 297
- Abdominal pain
 - in Chilaiditi's syndrome (letter), 1222
 - functional, in children, 587
 - right lower quadrant, periappendiceal dermoid in, 56
- Abdominal wall defects, components separation for, 912
- Abscess
 - hepatic, optimal treatment of, 178
 - intramural, perforated jejunal diverticulitis with, 849
 - perinephric, with renal injury, 667
- Academic medical centers
 - esophagectomy outcomes at, 939
 - laparoscopic gastric bypass at, 962
- Acalculous cholecystitis, in pediatric trauma patient (letter), 881
- Acetabular fractures, initial assessment and outcome of, 538
- Achalasia, surgical management of, practical approaches to, 97
- Acidosis, cocaine induced, in trauma patient (letter), 1126
- Actinomyces, cholecystoduodenal and cholecystocholedochal fistulas due to, 133
- Acute care general surgery coverage, by trauma surgeons, impact on patient, 494
- Acute respiratory distress syndrome, leukoreduction and reduced incidence of, 117
- Adenocarcinoma
 - appendiceal, outcomes of current guidelines in U.S., 1066
 - from chronic perianal Crohn's disease, 59
 - gastric, from fundic gland polyps, 79
- Adolescents, ovarian masses in, management and outcomes of, 1062
- Adrenal gland
 - injury to, 262
 - papillary endothelial hyperplasia of, 813
- Adrenal insufficiency, predicting after blunt trauma, 262
- Adrenalectomy, laparoscopic, 37
- Adrenocorticotrophic hormone (ACTH), overproduction of in MEN 2A, 659
- Advanced Trauma Life Support guidelines, on on-scene IV insertion, 1083
- African Americans, schistosomiasis in acute appendicitis in, 221
- Alcohol-associated chronic pancreatitis, surgical treatment of, 503
- All-terrain vehicle trauma, in elderly, 767
- Alloderm graft repair, with endorectal advancement flap, 341
- Alpha agonists, for thoracic aortic dissection, 364
- Alternative medicine, for pain after breast surgery, 285
- Alveolar soft-part sarcoma, of liver, 43
- Ambulatory ability, in below-knee amputation outcome, 607
- American medicine, great paradox of, 455
- Ampulla of Vater, carcinoma of, 1195
- Amputation
 - below-knee, outcome of, 607
 - for critical limb ischemia, 275
- Anal canal, leiomyosarcoma of, 76
- Analgesics, intraperitoneal in postlaparoscopic pain control, 201
- Anaphylactic reaction, to isosulfan blue dye, 152
- Anastomosis
 - for diverticulitis, 1041
 - flexible knitted Dacron arterial substitutes in, 381
- Anatomists, Renaissance, 84

Anesthetics

- intraperitoneal local, in postlaparoscopic pain control, 201
- for postoperative pain after mastectomy and breast reconstruction, 285
- Aneurysm
 - dissecting, flexible knitted Dacron grafts for, 387
 - thrombosed giant popliteal, 146
- Angiography, for penetrating pediatric neck trauma, 1104
- Angioplasty, for critical limb ischemia, 275
- Angiosarcoma
 - after excision in patient treated with breast-conserving therapy (letter), 1227
 - of scalp (letter), 1228
- Angiotensin converting enzyme (ACE) inhibitors, for thoracic aortic dissection, 364
- Angiotensin II receptor blockers, for thoracic aortic dissection, 364
- Anorectal fistula, endorectal advancement flap for, 921
- Anorectoplasty, procedure for prolapsed hemorrhoids after, 443
- Anoxic brain injury, from blunt chest trauma (letter), 663
- Antibiotics
 - for hepatic abscess, 178
 - inadequate empiric, for ventilator-associated pneumonia, 516
 - for necrotizing fasciitis, 809
 - prophylactic for intra-abdominal sepsis, 572
 - for prosthetic-associated infection prevention, 524
- Anticoagulation
 - in elderly head trauma patients, 802
 - with minor skin lesion excisions, 354
- Anus, imperforate, anorectoplasty for, 443
- Aorta, blunt traumatic injury to, 1033
- Aortic dissection, definition and characterization of, 364
- Aortoiliac occlusive disease, iliofemoral bypass grafts for, 555
- APACHE scores, in pancreatic necrosectomy patients, 1050
- Appendectomy
 - double intussusception after (letter), 186
 - outcomes of for adenocarcinoma, 1066
- Appendicitis
 - CT scan for, 917
 - nonfocused enhanced CT evaluation of, 488
 - schistosomiasis in, 221
- Appendix
 - adenocarcinoma of, outcomes of current guidelines in U.S., 1066
 - perforation of, nonfocused enhanced CT evaluation of, 488
- Arm, undiagnosed deep venous thrombosis after trauma to, 124
- Arterial conduit, Dacron graft as, 363
- Arterial substitutes, flexible knitted Dacron, 381, 387, 388
- Arterious embolization, for splenic vein thrombosis complicated by gastric bleeding (letter), 184
- Arteriovenous access site, preservation of, 620
- Arteriovenous dialysis graft thrombectomy, fistulogram after, 1154
- Arteriovenous fistula rupture, with renal injury, 667
- Aspirin, with minor skin lesion excisions, 354
- Atherosclerotic occlusive disease, iliofemoral bypass grafts for, 555
- Attending physicians
 - attitudes of toward glucose control in surgical patients, 993
 - perspectives of on mandated work hour restrictions, 542
- Axillary lymph node dissection (ALND), for breast cancer, 423

B

- Bacterial meningitis, ruptured mycotic aneurysm with, 73
- Balloon tamponade, portal hypertension and, 4
- Bariatric surgery, at large academic medical center, 962
- Barnard, Christiaan Neethling, 1078
- Bedside IAP measurement, 806
- Below-knee amputation, successful outcome after, 607
- Beta-blockers, for thoracic aortic dissection, 364
- Bile duct
 - extrahepatic, carcinoid of, 87
 - reducing injury incidence in laparoscopic cholecystectomy, 985

- Bile duct-pancreatic tumors, synchronous, 338
- Biliary dyskinesia
 laparoscopic cholecystectomy for, 587, 1069
 quality of life after cholecystectomy for, 400
- Bilirubin, predicting common bile duct stones, 977
- Bioabsorbable staple line reinforcement, clinical results using, 462
- Blast injury, delayed brain injury diagnosis after, 267
- Bleeding. *See also* Blood loss; Hemorrhage
 controlling abdominal insufflation in, 297
 with drotrecogin alfa activated, 898
 internal, prehospital control of, 297
- Blood glucose, variability of in postoperative mortality, 679
- Blood loss, abdominal insufflation decreasing, 297
- Blood pressure control, for thoracic aortic dissection, 364
- Blood transfusion
 early posttrauma need for, 1006
 in traumatic injury, 953
- Bloodletting, in George Washington's death, 770
- Blunt trauma. *See* Trauma, blunt
- Boerhaave's syndrome, after chiropractic manipulation, 428
- Botulinum toxin, for postoperative pain after mastectomy and breast reconstruction, 285
- Bowel preparation regimens, prospective comparison of, 1030
- Brain injury
 delayed diagnosis of after blast injury, 267
 nonneurologic organ dysfunction after, 866
- Branched chain amino acids, in total parenteral nutrition in malnourished cancer patients, 237
- BRCA mutations, in male breast cancer, 707
- Breast
 cancer of
 changing paradigms in managing, 887
 decentralized community-based screening and treatment for in low-income women, 1017
 endometrial stromal sarcoma after tamoxifen therapy for, 726
 locally recurrent angiosarcoma after breast-conserving treatment for (letter), 1227
 male, changes in over 30-year period, 707
 neoadjuvant chemotherapy for (letter), 271
 receptor characteristics of second tumor in, 702
 sentinel node mapping for, 423
 skin-sparing mastectomy for, 902
 surgical excision of, 172
 synchronous versus metachronous, 702
 imaging of for occult nipple discharge, 739
 postreconstruction pain in, 285
 recurrent mucinous carcinoma of, with mediastinal great vessel invasion, 113
 tumoral pseudoangiomatous stromal hyperplasia of, 1211
- Breast-conserving therapy, locally recurrent angiosarcoma after excision with (letter), 1227
- Bullectomy, lung cancer resection after (letter), 1116
- Bupivacaine, intraperitoneal in postlaparoscopic pain control, 201
- Bursting strength evaluation, in incisional hernia (letter), 95
- Bypass grafts
 for critical limb ischemia, 275
 diabetes mellitus affecting patients undergoing, 839
 iliofemoral, outcomes of, 555
- C**
- Calcium channel blockers, for thoracic aortic dissection, 364
- Cancer Detection Program: Every Woman Counts, effectiveness of, 1017
- Cancer staging, of thyroid micronodules, 389
- Car surfing, case studies of, 260
- Carbon dioxide, in vena cava imaging, 141
- Carcinoembryonic antigen, gastric duplication cysts expressing, 91
- Carcinoid, of extrahepatic bile duct, 87
- Carcinoid tumors, staging systems for, 418
- Cardiac death, donation after (DCD), reducing warm ischemia time in, 1198
- Carotid artery injury, from blunt trauma, 580
- Carotid body tumors, surgical management of, 1171
- Cecal perforation, by ingested foreign body (letter), 778
- Cecal volvulus, in Chilaiditi's syndrome (letter), 1222
- Central venous catheter, early superior vena cava thrombosis with, 1195
- Cervical paragangliomas, surgical management of, 1171
- Cervical spine, blunt trauma to, evaluation of, 855
- Chemoembolization, for unresectable hepatocellular carcinoma metastasis to mandible, 346
- Chemoradiation, neoadjuvant, for esophageal cancer after perforation, 1215
- Chemotherapy
 in breast cancer treatment, 887
 for locally advanced breast cancer (letter), 271
 locally recurrent angiosarcoma after (letter), 1227
 for male breast cancer, 707
 for ovarian masses in children and adolescents, 1062
 for primary colonic lymphoma, 214
 for small cell carcinoma of gallbladder (letter), 272
- Chest CT, for pulmonary embolism, 1146, 1149
- Chest trauma
 anoxic brain injury and (letter), 663
 rib fractures and, 310
- Chilaiditi's syndrome, with cecal volvulus and perforation (letter), 1222
- Child-Pugh-Turcotte system, in predicting perioperative morbidity, 156
- Children. *See* Pediatric patient
- Chiropractic manipulation, Boerhaave's syndrome after, 428
- Cholangiopancreatography, endoscopic retrograde, after gastric bypass, 689
- Cholecystectomy
 for biliary dyskinesia, 1069
 laparoscopic
 for biliary dyskinesia, 1069
 for biliary dyskinesia in children, 587
 postoperative pain with, 201
 predicting perioperative morbidity in, 156
 reducing bile duct injury in, 985
 before pancreatic cancer diagnosis, 602
 predicting perioperative morbidity in, 156
 quality of life after, 400
 reducing bile duct injury in, 985
- Cholecystitis
 in children, 587
 chronic, with laparoscopic cholecystectomy for biliary dyskinesia, 1069
- Cholecystocholedochal fistula, cholecystoduodenal fistula and, 133
- Cholecystocholedochal fistula, cholecystocholedochal fistula and, 133
- Chronic regional pain syndrome, after breast reconstruction, 285
- Circular staplers, bioabsorbable stapleline reinforcement for, 462
- Circumaortic renal collar, morphological classification of, 1190
- Clinical examination, in pelvic fracture diagnosis, 476
- Clopidogrel (Plavix), postoperative bleeding and, 721
- Clostridium difficile*, in fulminant pseudomembranous colitis, 20
- Coagulation, medically-altered in trauma patient, 784
- Cocaine induced acidosis, in trauma patient (letter), 1126
- Colectomy
 laparoscopic-assisted, 243
 obesity influence on lymph node harvest for, 1073
 outcomes of for adenocarcinoma, 1066
 small bowel obstruction after, 1001
- Colombo, Matteo Realdo, 84
- Colon
 cancer of
 laparoscopic colectomy for, 243
 obesity and lymph node harvest in, 1073
 duplication cysts of, 250
 emergent and elective surgery on in extreme elderly, 614
 extramedullary plasmacytomas of (letter), 873
 perforation of in Chilaiditi's syndrome (letter), 1222
 primary lymphoma of, 214

- Colonic resections, emergency, 305
 Colonoscopy, splenic hemorrhage after (letter), 448
 Colorectal cancer
 hospital volume and outcome for, 944
 in young patients, 873
 Colorectal dissection, safety zones for (letter), 1114
 Colorectal surgery
 preoperative dexamethasone and outcomes of, 160
 reducing infection in, 1012
 Sefrafil use in, 1107
 Common bile duct, papillary carcinoma-in-situ of, 338
 Common bile duct stone, total bilirubin predicting, 977
 Commotio cordis, in systemic anoxia (letter), 663
 Community-based screening, for breast cancer, effectiveness of, 1017
 Community hospitals
 mandated work hour restrictions in, 542
 robotic-assisted gastric bypass in, 1022
 Components separation, for complex abdominal wall defects, 912
 Computed tomographic (CT) angiography
 for blunt traumatic thoracic aortic disruption and carotid artery injury, 580
 in extremity vascular trauma evaluation, 103
 Computed tomography (CT)
 for acute appendicitis diagnosis, 917
 of alveolar soft-part sarcoma of liver, 43
 for diverticulitis, 1041
 for extrahepatic bile duct carcinoid, 87
 flexion and extension radiographs with, 855
 for focal nodular hyperplasia, 1100
 for hepatic portal venous gas, 335
 nonfocused enhanced, for acute appendicitis, 488
 for ovarian masses in children and adolescents, 1062
 in pelvic fracture diagnosis, 476
 for penetrating pediatric neck trauma, 1104
 for pulmonary embolism, 1146, 1149
 for renal injury, 667
 Computed tomography (CT) venography, pulmonary angiography and, 935
 Conservative management, of nongangrenous esophageal and gastric pneumatosis (letter), 272
 Contaminated fields, prosthetic vascular conduit in, 524
 Contrast esophagogram, for penetrating pediatric neck trauma, 1104
 Core needle biopsy
 of lobular neoplasia in breast cancer, 172
 for tumoral pseudoangiomatous stromal hyperplasia of breast, 1211
 Coronary artery bypass graft, diabetes mellitus affecting patients undergoing, 839
 Costal margin disruption, coughing and, 350
 Coughing, transdiaphragmatic abdominal herniation induced by, 350
 Craniofacial necrotizing fasciitis, of eyelids (letter), 777
 Cranium hemorrhage, thromboembolic prophylaxis in, 906
 Critical care setting, blood glucose variability and mortality in, 679
 Crohn's disease, chronic perianal, adenocarcinoma arising from, 59
 Cryoablation-induced rectourethral fistula, endorectal advancement flap and Alloderm graft repair for, 341
 Cuff leak test, predicting successful extubation, 1182
 Cushing's syndrome, medullary endocrine neoplasia (MEN) 2A and, 659
 Cutaneous metastases, of rectal cancer, 138
 Cystic pancreatic neoplasms, gastric duplication cysts mimicking, 91
 Cysts, sigmoid colon duplication, 250
- D**
- Dacron arterial substitute, flexible knitted, 381, 387, 388
 Dacron graft, as arterial conduit, 363
 Debridement, for pancreatic necrosis, complications of, 1050
 Decompressive leg fasciotomy, dynamic wound closure for, 217
 Deep venous thrombosis
 after blunt head trauma, 906
 combined CT venography and pulmonary angiography for, 935
 of upper extremity in trauma patients, 124
 Defecography, for solitary rectal ulcer syndrome, 967
 DeMeester Scores, abnormal, GERD symptoms with, 635
 Dermal metastases, of rectal cancer, 138
 Dermoid, periappendiceal, 56
 Dexamethasone, preoperative, colorectal surgical outcomes and, 160
 Diabetes
 in coronary artery bypass graft patient, 839
 remission of after laparoscopic gastric bypass, 948
 Diagnosis, laparoscopy in, 1166
 Dialysis grafts, prosthetic, fistulogram after, 1154
 Diaphragm
 hernia of after percutaneous radiofrequency ablation, 129
 laparoscopic repair of, 1166
 Discharge, fever at time of, readmission rate and, 1151
 Dissection, in medical curriculum, 1
 Diverticulectomy, video-assisted transumbilical, for Meckel's diverticulum, 327
 Diverticulitis
 classification of, 1041
 current management of, 1041
 perforated jejunal, 849
 Drotrecogin alfa activated (Xigris), bleeding complications with, 898
 Ductal carcinoma in situ (DCIS) of breast
 angiosarcoma after breast-conserving treatment for (letter), 1227
 MR for, 739
 surgical excision of, 172
 Ductal-endocrine carcinoma, of pancreas, 338
 Duodenal derotation, for superior mesenteric artery syndrome, 644
 Duodenal diverticulum
 fourth-portion, upper GI bleeding and, 27
 traumatic perforation of (letter), 781
 Duodenal injury, pyloric exclusion for, 925
 Duplication cysts
 gastric, expressing carcinoembryonic antigen, 91
 sigmoid colon, 250
 Dysphagia, anterior fundoplication and, 626
- E**
- Editorials
 the advent of the Dacron graft as an arterial conduit, 363
 control of glucose after injury, 199
 features for the journal, 783
 Elderly
 all-terrain vehicle trauma in, 767
 emergent and elective colon surgery in, 614
 head trauma in, anticoagulation and, 802
 Electrolyte lavage solutions, evaluation of, 1030
 Embolization, progressive splenomegaly after, 437
 Emergency department, CT evaluation of appendicitis and length of stay in, 488
 Emergency medical services, on-scene intravenous line insertion by, 1083
 End-stage renal disease, hemodialysis access catheter placement in, 1111
 Endometrial stromal sarcoma, after hysterectomy and tamoxifen therapy, 726
 Endorectal advancement flap
 with Alloderm graft repair, 341
 long-term outcome of, 921
 Endoscopic resection, of gastric gastrointestinal stromal tumors, 1186
 Endoscopic retrograde cholangiopancreatography
 after laparoscopic Roux-en-Y gastric bypass, 689
 for extrahepatic bile duct carcinoid, 87
 for gallstone pancreatitis, 977
 Endoscopic stenting, for esophageal cancer after perforation, 1215
 Endoscopic ultrasonography, in predicting periampullary tumor resectability and margins, 1026

Endoscopy

- for esophageal strictures, 686
- for pancreatic trauma, 1133
- retrograde, for esophageal strictures, 686
- surgical resident training in (letter), 187
- Endoscopy-assisted laparoscopic resection, of gastric heterotopic pancreas, 829
- Endotracheal tube, successful extubation of, 1182
- Endovascular aortic repairs, thoracic aortic dissection and, 364
- Endovascular aortic crossclamp, to reduce warm ischemia time, 1198
- Endovascular stapler integrity, in splenic artery embolization, 322
- Endovascular stents, for renal injury, 667
- Enhanced recovery protocol, preoperative dexamethasone and, 160
- Enteral nutrition, for pancreatic trauma, 1133
- Enteric duplication cysts, categories and incidence of, 250
- Entero-atmospheric fistula, risk for, 891
- Enterocutaneous fistula, with complex ventral hernia (letter), 1117
- Enteroliths, 849
- Epigastric injury, infections of, 1057
- Epigastric pain, with recurrent retrograde jejuno gastric intussusception (letter), 1218
- ePTFE vascular grafts, technology to decreased infections of, 524
- Esophageal pneumatosis, conservative management of (letter), 272
- Esophageal rupture
 - after chiropractic manipulation, 428
 - in children, eosinophilic esophagitis in, 750
- Esophagectomy, outcomes of at academic centers, 939
- Esophagitis, eosinophilic, 750
- Esophagus
 - cancer of, neoadjuvant chemoradiation and surgical resection for, 1215
 - perforation of, neoadjuvant chemoradiation and surgical resection for cancer after, 1215
 - strictures of, antegrade and retrograde endoscopy for, 686
- Evidence based guidelines, for factor VIIa use in trauma, 1159
- Extramedullary plasmacytomas, of colon (letter), 873
- Extremities
 - lower
 - dynamic wound closure for decompressive fasciotomy of, 217
 - treating chronic ischemia of, 275
 - upper, undiagnosed deep venous thrombosis of, 124
 - vascular trauma to, CT angiographic evaluation of, 103
- Extubation, successful, prediction of, 1182
- Eyelids, craniofacial necrotizing fasciitis of (letter), 777

F

- Factor VIIa, evidence based guidelines for use of in trauma, 1159
- Familial adenomatous polyposis, in young patients, 873
- Familial adenomatous polyposis syndrome, gastric adenocarcinoma and, 79
- Fasciotomy, for abdominal compartment syndrome, 746
- Femoral to femoral bypass, outcomes of, 555
- Fetus in fetu, presenting as abdominal mass in newborn female (letter), 883
- Fever, readmission incidence and, 1151
- Fiber therapy, for solitary rectal ulcer syndrome, 967
- Filter insertion, vena cava imaging before, 141
- Fine-needle aspiration, for thyroid cancer diagnosis, 389
- Fistula
 - anorectal, endorectal advancement flap for, 921
 - with complex ventral hernia (letter), 1117
 - concomitant cholecystoduodenal and cholecystocholedochal, 133
 - with diverticulitis, 1041
 - rectourethral radiation and cryoablation-induced, 341
- Fistulogram, after arteriovenous dialysis graft thrombectomy, 1154
- Flank intramuscular lipoma, laryngeal squamous cell carcinoma metastatic to (letter), 447
- Fleet phosphosoda, evaluation of, 1030
- Focal nodular hyperplasia, diagnosis and management of, 1100
- Foreign body, cecal perforation by (letter), 778

Fractures

- acetabular and pelvic ring, 538
- pelvic
 - clinical examination versus plain film in diagnosing, 476
 - risk assessment for on admission, 761
- of rib, 310
- Fundic gland polyps, gastric adenocarcinoma from, 79
- Fundoplication
 - anterior, promoting dysphagia after laparoscopic Heller myotomy, 626
 - laparoscopic Nissen, ameliorating reflux symptoms, 635

G

- Gabapentin, for pain after breast surgery, 285
- Gallbladder
 - disease of, pretransplant ultrasound screening for, 832
 - successful treatment of small cell carcinoma of (letter), 272
- Gallstone pancreatitis, predicting persisting common bile duct stones in, 977
- Gangrene, urinary bladder, 302
- Gastrectomy, total, for gastric hemorrhage (letter), 361
- Gastric adenocarcinoma, from fundic gland polyps, 79
- Gastric artery, left, rare anatomic variation of, 430
- Gastric bleeding
 - with splenic vein thrombosis (letter), 184
 - with synchronous MALT lymphoma with GIST of stomach, 232
 - total gastrectomy for (letter), 361
- Gastric bypass
 - at academic medical center, 962
 - bioabsorbable stapleline reinforcement in, 462
 - diabetes remission after, 948
 - endoscopic retrograde cholangiopancreatography after, 689
 - hyperparathyroidism and vitamin D deficiency after, 469
 - laparoscopic
 - 23-hour stay outcomes for, 1206
 - diabetes remission after, 948
 - divided, bioabsorbable stapleline reinforcement in, 462
 - hyperparathyroidism and vitamin D deficiency after, 469
 - at large academic medical center, 962
 - preperitoneal Richter's hernia after (letter), 882
 - robotic-assisted, 1022
 - Roux-en-Y, 1206, 689
 - pancreatic resection after, 729
 - robotic-assisted, 1022
 - sleep apnea in patients evaluated for, 834
- Gastric duplication cysts, expressing carcinoembryonic antigen, 91
- Gastric dysmotility, Rett syndrome and, 315
- Gastric gastrointestinal stromal tumors (GIST), endoscopic resection of, 1186
- Gastric injury, infections with in trauma patients, 1057
- Gastric perforation, Rett syndrome and, 315
- Gastric pneumatosis, conservative management of (letter), 272
- Gastric schwannoma, case reports of, 753
- Gastric submucosal lesions, characteristics of, 753
- Gastrinomas, malignant potential of, 563
- Gastroesophageal reflux disease (GERD), laparoscopic Nissen fundoplication to ameliorate, 635
- Gastrointestinal bleeding. *See also* Gastric bleeding
 - with fourth-portion duodenal diverticulum, 27
 - portal hypertension and, 4
- Gastrointestinal stromal tumor (GIST)
 - differential diagnosis of, 753
 - melanoma of small intestine masquerading as, 318
 - mucosa-associated lymphoid tissue lymphoma with, 232
- Gastrointestinal tract
 - cancer of, BCAA-enriched TPN with surgery for, 237
 - carcinoid tumors of, proposed staging system for, 418
 - lymphoma of, 214
 - schwannomas of, 753
- Gastrojejunal anastomosis, circular stapled, 462
- Genetic markers, for thyroid cancer, 389

Glasgow Coma Scale, predicting adrenal insufficiency after blunt trauma, 262
 Glucose control
 after injury, 199
 surgical resident and attending physician attitudes toward, 993
 Gore-Tex grafts, versus Dacron knitted grafts, 387
 Groin pain, chronic, open and laparoscopic approach to, 695

H

Hand-assisted distal pancreatectomy, for pancreatic lesions, 481
 Head injury. *See also* Brain injury
 in elderly patients, anticoagulation and, 802
 in pediatric patients, intracranial pressure monitoring for, 1088
 resuscitation after, 253
 taser associated, 862
 thromboembolic prophylaxis in, 906
 Heart, catheter knotting in, 235
 Heart transplant, Christiaan Barnard and, 1078
 Hemangioendothelioma, hepatic malignant epithelioid, 64
 Hematuria, in renal injury, 667
 Hemicolectomy, for appendiceal adenocarcinoma, 1066
 Hemodialysis
 catheter placement in, 1111
 reverse J arteriovenous graft configuration for access in, 620
 Hemodynamic instability, in renal injury, 667
 Hemoglobin levels, in blunt splenic trauma treatment choice (letter), 876
 Hemorrhage. *See also* Gastric bleeding; Gastrointestinal bleeding;
 Intracranial hemorrhage
 with acquired jejunoileal diverticulosis, 849
 with drotrecogin alfa activated, 898
 prehospital control of, 297
 rectal, life-threatening, unusual cause of (letter), 1224
 with renal injury, 667
 splenic, after colonoscopy (letter), 448
 trauma-associated
 factor VIIa use for, 1159
 therapeutic laparoscopy for, 1166
 Hemorrhagic shock, in George Washington, 770
 Hemorrhoids, prolapsed, in rectal mucosa prolapse, 443
 Hemostasis, altered in trauma patient, 784
 Hepatic abscess, optimal treatment of, 178
 Hepatic artery, right, rare anatomic variation of, 430
 Hepatic neoplasm, rare cause of, 47
 Hepatic portal venous gas, CT evidence of after blunt abdominal trauma, 335
 Hepatocellular cancer/carcinoma
 diaphragmatic hernia after percutaneous radiofrequency ablation for, 129
 radiofrequency ablation for, 594
 with solitary metastasis to mandible, 346
 HER-2/neu positivity, in aggressive mucinous breast carcinoma, 113
 Hereditary nonpolyposis colon cancer, in young patients, 873
 Hernia
 diaphragmatic, after percutaneous radiofrequency ablation, 129
 hiatal, with intrathoracic stomach, 15
 incisional
 bursting strength evaluation in (letter), 95
 ventral, repair of, 912
 inguinal, chronic groin pain after repair of, 695
 laparoscopic repair of, 108
 preperitoneal Richter's, after laparoscopic gastric bypass (letter), 882
 recalcitrant, repair of (letter), 1117
 Spigelian, mesh-free laparoscopic repair of, 713
 transdiaphragmatic, costal margin disruption with, 350
 transverse mesocolonic, mimicking pancreatic neoplasm, 224
 ventral, recurrent after laparoscopic repair of, 227
 Heterotopic pancreas, endoscopy-assisted laparoscopic resection of, 829

Hidradenitis suppurativa, squamous cell carcinoma and, 1177
 Hip fracture
 clinical examination versus plain film in diagnosing, 476
 risk assessment for on admission, 761
 Homografts, for aortic and arterial diseases, 381
 Hormonal therapy
 failed testicular descent after, 69
 for male breast cancer, 707
 Hospital length of stay, for acetabular and pelvic ring fractures, 538
 Hospital volume-outcome relationship
 for colorectal cancer, 944
 for esophagectomy, 939
 Hyperglycemia
 after injury, control of, 199
 insulin therapy for in ICUs, 679
 in pediatric trauma patients, 195
 Hyperinsulinemia, pancreatic resection for after gastric bypass, 729
 Hyperparathyroidism, after laparoscopic gastric bypass, 469
 Hypertension
 intra-abdominal, bedside measurement of, 806
 with renal injury, 667
 Hyperthermic limb infusion, in-transit metastases from Merkel cell carcinoma with (letter), 1222, 1223
 Hypertonic saline, for hypotensive head injury resuscitation, 253
 Hypotension, resuscitation for in head injury, 253
 Hysterectomy, endometrial stromal sarcoma after, 726

I

Ibn al-Nafis, pulmonary circulation described by, 440
 Iliofemoral bypass grafting, contemporary outcomes of, 555
 Imaging technology, in visualizing pancreatic ducts, 168
 Impalement injuries, in vehicular trauma, 757
 Imperforate anus, procedure for prolapsed hemorrhoids after anorectoplasty for, 443
 Incisional ventral hernia repair, 912
 Infections
 of ePTFE vascular grafts, decreasing, 524
 insulin requirements in response to, 845
 in pediatric trauma patients, 195
 reducing incidence in elective colorectal surgery, 1012
 with traumatic gastric injury, 1057
 Inflammatory response
 abdominal insufflation and, 297
 insulin therapy for in ICUs, 679
 Infrainguinal vascular reconstruction, spontaneous vein graft rupture after, 210
 Inguinal canal dilatation, for failed testicular descent, 69
 Inguinal hernia, chronic pain after repair of, 695
 Injury, glucose control after, 199
 Injury Severity Score, for acetabular and pelvic ring fractures, 538
 Insulin
 for hyperglycemia in ICUs, 679
 in response to infection in ICU patients, 845
 Insulinoma, unusual case of (letter), 1226
 Intensive care unit (ICU)
 blood glucose variability and mortality in, 679
 carbon dioxide contrast imaging in, 141
 insulin requirements in response to infection in, 845
 Internet
 measuring quality of surgery-related sites on, 997
 surgery outcomes database on, development of, 548
 Intestinal obstruction
 with acquired jejunoileal diverticulosis, 849
 with diverticulitis, 1041
 rate of after colectomy, 1001
 Intestinal perforation, in Chilaiditi's syndrome (letter), 1222
 Intra-abdominal injury, laparoscopy for, 1166
 Intra-abdominal lesions, missed by inadequate laparoscopy, 824, 827
 Intra-abdominal pressure, measuring outside ICU, 806

Intracranial hemorrhage
with drotrecogin alfa activated, 898
thromboembolic prophylaxis for, 906
warfarin therapy for, 858
Intracranial pressure monitoring, in pediatric blunt head trauma, 1088
Intrathoracic stomach, laparoscopic anterior semifundoplication for, 15
Intubated patient, pneumoperitoneum in (letter), 452
Intussusception, double, after appendectomy (letter), 186
Iodinated contrast, in vena cava imaging, 141
Islet cell transplant
pancreatic resection with, 530
total pancreatectomy with in chronic pancreatitis management, 735
Isosulfan blue dye, anaphylaxis to, 152
IV insertion, on-scene, 1083

J

Jejunal atresia repair, functional jejunal obstruction after (letter), 1121
Jejunioileal diverticulosis, complications of, 849
Jejunum
functional obstruction of after jejunal atresia repair (letter), 1121
transverse mesocolonic hernia of mimicking pancreatic neoplasm, 224

K

Kidney. *See also* under Renal
managing injuries to, 667
supernumerary, in term infant (letter), 874

L

Laparoscopic adrenalectomy, retrospective review of, 37
Laparoscopic anterior semifundoplication, for intrathoracic stomach, 15
Laparoscopic colectomy, lymph node resection with, 243
Laparoscopic esophageal myotomy, for achalasia, 97
Laparoscopic Heller myotomy, dysphagia after, 626
Laparoscopic Nissen fundoplication, ameliorating reflux symptoms, 635
Laparoscopic pancreatectomy, for pancreatic lesions, 481
Laparoscopic peritoneal biopsy, for tuberculous peritonitis (letter), 1223
Laparoscopic resection
endoscopy-assisted, of gastric heterotopic pancreas, 829
for focal nodular hyperplasia, 1100
missing intra-abdominal lesions, 824, 827
Laparoscopy. *See also* Cholecystectomy, laparoscopic; Gastric bypass, laparoscopic
of cecal perforation by foreign body (letter), 778
for chronic pain after inguinal hernia repair, 695
for diverticulitis, 1041
role of in trauma, 1166
for Spigelian hernia, 713
in spigelian hernia repair, 108
in ventral hernia repair, recurrence after, 227
Laparotomy, for ovarian masses in children and adolescents, 1062
Larynx, squamous cell carcinoma metastatic to flank from (letter), 447
Leiomyoma, rectal, unusual presentation of (letter), 448
Leiomyosarcoma
of anal canal, 76
retroperitoneal of inferior vena cava mimicking liver tumor, 433
Letters to editor
Acute acalculous cholecystitis in a pediatric trauma patient, 881
An unusual case insulinoma, 1226

An unusual cause of life-threatening rectal bleeding, 1224
An unusual presentation of rectal leiomyoma, 448
Angiosarcoma of the scalp: a case report and literature review, 1228
Bursting strength evaluation in an experimental model of incisional hernia, 95
Chilaiditi's syndrome with cecal volvulus and perforation: case report and review of the literature, 1222
Cocaine induced acidosis in the trauma patient: a potential confounding factor, 1126
Conservative management of nongangrenous esophageal and gastric pneumatosis, 272
Craniofacial necrotizing fasciitis of the eyelids, and nasal region after traumatic assault to the face, 777
Double intussusception after appendectomy, 186
Fetus in fetu presenting as an abdominal mass in a newborn female infant, 883
Functional jejunal obstruction after jejunal atresia repair: presentation in adulthood, 1121
Future directions in training surgical residents to perform endoscopic examinations, 187
Idiopathic pneumatosis intestinalis of the small intestine, 1127
Implementation of guidelines for the prevention of ventilator-associated pneumonia, 183
'Jury effect': an evaluation of a level I teaching hospital's trauma service seasonal mortality rates, 878
Laparoscopic management of cecal perforation by an ingested foreign body, 778
Laryngeal squamous cell carcinoma metastatic to a flank intramuscular lipoma, 447
Locally recurrent angiosarcoma after excision in a patient treated with breast-conserving therapy, 1227
The medical malpractice 'crisis' and graduate medical education, 662
Metastatic renal cell carcinoma to the pancreas with splenic portal vein tumor thrombus, 359
Neoadjuvant chemotherapy for locally advanced breast cancer results in alterations in preoperative tumor marker status, 271
Pancreatic pseudocyst in the setting of chronic pancreatitis and pancreas divisum, 775
Pheochromocytoma presenting with multiple organ failure, 1119
Pneumoperitoneum in the intubated patient, 452
Preperitoneal Richter's hernia after laparoscopic gastric bypass: management with a laparoscopic approach, 882
Primary extramedullary plasmacytomas of the colon, 873
Pseudoxanthoma elasticum: a case of total gastrectomy for gastric hemorrhage, 361
Recurrent retrograde jejuno gastric intussusception, 1218
Resection of lung cancer after contralateral bullectomy in a high risk patient, 116
Response to 'limb perfusion therapy for Merkel cell carcinoma with in-transit metastases,' 1223
Safety zones for colorectal dissection: A CT scan mapping of the ureters relative to the colon and rectum, 1114
Serial hemoglobin levels play no significant role in the decision-making process of nonoperative management of blunt splenic trauma, 876
Severe anoxic brain injury from blunt chest trauma, 663
Sigmoid volvulus in an air traveler, 358
Small cell carcinoma of the gallbladder successfully treated by surgery and adjuvant chemotherapy, 272
Splenic hemorrhage: an unexpected complication after colonoscopy, 450
Splenic vein thrombosis complicated by massive gastric bleeding: treatment with arterios embolization, 184
Supernumerary kidney in a term infant with VATER association, 874
Synchronous medullary and follicular carcinomas of the thyroid: a case report, 879
Traumatic perforation of a duodenal diverticulum, 781
Treatment of in-transit metastases from Merkel cell carcinoma with isolated hyperthermic limb infusion, 1222

- Treatment of ruptured pheochromocytoma, 1124
- Tuberculous peritonitis: definitive diagnosis by laparoscopic peritoneal biopsy, 1223
- Unique recalcitrant hernia repair: enterocutaneous fistula with complex ventral hernia, 1117
- Leukoreduction, with decreased late onset acute respiratory distress syndrome after injury, 117
- Lignocaine, intraperitoneal in postlaparoscopic pain control, 201
- Limb
 - heroic salvage of for critical limb ischemia, 275
 - ischemia of, heroic limb salvage for, 275
 - loss of with necrotizing fasciitis, 809
- Liposarcoma, retroperitoneal mixed-type, subtypes of, 1202
- Liver. *See also under* Hepatic
 - abscesses of, optimal treatment of, 178
 - alveolar soft-part sarcoma of, 43
 - blunt trauma to in children and adults, 798
 - neoplasm of, rare cause of, 47
 - tumors of
 - retroperitoneal leiomyosarcoma of inferior vena cava mimicking, 433
 - unresectable, radiofrequency ablation for, 594
 - of vascular origin, 64
- Liver cirrhosis, predicting perioperative morbidity in laparoscopic cholecystectomy for, 156
- Liver transplant
 - for portal hypertension, 4
 - for unresectable hepatocellular carcinoma metastasis to mandible, 346
- Lobular neoplasia, surgical excision of, 172
- Lower esophageal sphincter, hypertensive nonrelaxing, 97
- Lung cancer, resection of after bullectomy (letter), 1116
- Lung injury, leukoreduction and ARDS incidence after, 117
- Lymph nodes
 - obesity influence on harvest of, 1073
 - regional, dissection of for melanoma, 981
 - resection of with laparoscopic colectomy, 243
- Lymphatic mapping, anaphylaxis to isosulfan blue dye in, 152
- Lymphoma
 - MALT, with gastrointestinal stromal tumor of stomach, 232
 - primary colonic, 214
- Lymphoplasmacytic sclerosing pancreatitis, involving pancreatic tail, 654

M

- Magnetic resonance imaging (MRI)
 - of breast for occult nipple discharge, 739
 - for solitary rectal ulcer syndrome, 967
- Male breast cancer, changes in, 707
- Malignant peripheral nerve sheath tumor, identification and treatment of, 47
- Malnutrition
 - with alcohol-associated pancreatitis, 503
 - in GI cancer patients, BCAA-enriched TPN for, 237
- Malpractice crisis, graduate medical education and (letter), 662
- Mandible, hepatocellular carcinoma metastasis to, 346
- Mastectomy
 - for male breast cancer, 707
 - pain after, 285
 - partial, locally recurrent angiosarcoma after (letter), 1227
 - skin-sparing, 902
- Meckel's diverticulum, video-assisted transumbilical diverticulectomy for, 327
- Mediastinal great vessel, mucinous breast carcinoma invasion of, 113
- Mediastinum, penetrating injuries to, 11
- Medical care, in George Washington's death, 770
- Medical costs, quality of care and, 455
- Medical education
 - dissection in curriculum, 1
 - malpractice crisis and (letter), 662
 - at Ochsner Clinic Foundation, 793

- Medical symbols, 330
- Medications, coagulation cascade-altering, in trauma patients, 784
- Medullary endocrine neoplasia 2A (MEN 2A), Cushing's syndrome and, 659
- Medullary thyroid carcinoma, in MEN 2A, 659
- Melanoma
 - sentinel lymph node biopsy for, 981
 - of small intestine, 318
- Merkel cell carcinoma, in-transit metastases from (letter), 1222, 1223
- Mesocolonic hernia, mimicking pancreatic neoplasm, 224
- Mesorectosacral fixation, for solitary rectal ulcer syndrome, 967
- Metastasis
 - of hepatocellular carcinoma to mandible, 346
 - in-transit, from Merkel cell carcinoma (letter), 1222, 1223
 - of rectal cancer, 138
- Midline incision, managing large gaps of, 1094
- Minocycline, for prosthetic-associated infection prevention, 524
- Model for End Stage Liver Disease (MELD) score, predicting perioperative morbidity, 156
- Molecular genetics, in breast cancer treatment, 887
- Mononucleosis, splenic laceration with, 149
- Mortality rates, seasonal variation in for traumatic injury (letter), 878
- Mucosa-associated lymphoid tissue (MALT) lymphoma, with gastrointestinal stromal tumor of stomach, 232
- Multiple endocrine neoplasia Type I (MEN1), Zollinger-Ellison syndrome and, 563
- Multiple organ failure, pheochromocytoma with (letter), 1119
- Muscle spasm, after breast reconstruction, 285
- Mycotic aneurysm, ruptured, in bacterial meningitis, 73
- Myotomy, laparoscopic Heller, dysphagia after, 626

N

- Narcotics, for pain relief in chronic pancreatitis, 510
- National Trauma Data Bank, pyloric exclusion results of, 925
- Neck, penetrating trauma to in pediatric patient, 1104
- Necrotizing fasciitis
 - of eyelids (letter), 777
 - postprocedural, 405
 - without mortality and limb loss, 809
- Nesidioblastosis, pancreatic resection for, 729
- Neuraxial block, for pain after breast surgery, 285
- Neuroendocrine tumors, adrenal and extraadrenal, laparoscopic resection for, 37
- Neuroma, after breast reconstruction, 285
- Nipple discharge, occult, breast MR for, 739
- Nissen fundoplication, for intrathoracic stomach, 15
- Nodal status, hospital volume and for colorectal cancer, 944

O

- Obesity
 - diabetes remission after gastric bypass for, 948
 - ERCP after Roux-en-Y gastric bypass for, 689
 - laparoscopic gastric bypass for at academic medical center, 962
 - lymph node harvesting and, 1073
 - pancreatic resection after Roux-en-Y gastric bypass for, 729
 - robotic-assisted laparoscopic gastric bypass for, 1022
 - sleep apnea prevalence in, 834
- Obesity Surgery Mortality Risk Score, for laparoscopic Roux-en-Y gastric bypass, 1206
- Ochsner Clinic Foundation, general surgery residency at, 793
- On-scene intravenous line insertion, prehospital time and, 1083
- Operating room teamwork, preoperative briefing protocol in accuracy of, 817
- Organ dysfunction, nonneurologic, after traumatic brain injury, 866
- Organ transplant, Christiaan Barnard and, 1078
- Outcomes
 - for laparoscopic Roux-en-Y gastric bypass, 1206
 - trauma center closure and, 930
- Ovarian masses, management and outcomes of in children and adolescents, 1062

P

- Pain**
 chronic, open and laparoscopic approach to, 695
 in chronic pancreatitis, relief of, 510
 postoperative
 after laparoscopic cholecystectomy, 201
 after mastectomy and breast reconstruction, 285
 in postprocedural necrotizing fasciitis, 405
 preoperative dexamethasone and, 160
- Pain hypersensitivity, after mastectomy and breast reconstruction, 285**
- Pancreatectomy, laparoscopic and hand-assisted distal, 481**
- Pancreas**
 cancer of, cholecystectomy before diagnosis of, 602
 gastric heterotopic, endoscopy-assisted laparoscopic resection of, 829
 metastatic renal cell carcinoma to (letter), 358
 mixed ductal-endocrine carcinoma of, 338
 necrosis of, complications of surgical debridement of, 1050
 neoplasms of
 cystic, 91
 transverse mesocolonic hernia of mimicking, 224
 trauma to: demographics, diagnosis, and management of, 1133
 tumors of, surgical exploration for, 563
- Pancreas divisum, pancreatic pseudocyst in (letter), 775**
- Pancreatectomy, total, with islet cell transplant, 735**
- Pancreatic-bile duct tumors, synchronous, 338**
- Pancreatic duct stricture, asymptomatic, in nonfunctioning pancreatic endocrine neoplasm, 168**
- Pancreatic endocrine neoplasm, nonfunctioning, presentation of, 168**
- Pancreatic fistula, after pancreatectomy, 481**
- Pancreatic incidentaloma, pancreatectomy for, 481**
- Pancreatic necrosectomy, management and complications after, 1050**
- Pancreatic pseudocyst, in chronic pancreatitis and pancreas divisum (letter), 775**
- Pancreatic resection**
 after Roux-en-Y gastric bypass, 729
 intra-abdominal sepsis after, 572
 with islet cell autotransplant, 530
- Pancreatitis**
 after gastric bypass, 729
 alcohol-associated, surgical treatment of, 503
 chronic
 pain relief in, 510
 pancreatic resection with islet cell autotransplant for, 530
 gallstone, 977
 isolated lymphoplasmacytic sclerosing, 654
 pancreatic pseudocyst in (letter), 775
 total pancreatectomy with islet cell transplant and, 735
- Pan peritonitis, gangrene of urinary bladder in, 302**
- Papillary carcinoma-in-situ, of common bile duct, 338**
- Papillary endothelial hyperplasia, of adrenal gland, 813**
- Paragangliomas, cervical, surgical management of, 1171**
- Parathyroid hormone excess, after laparoscopic gastric bypass, 469**
- Parenteral nutrition, for pancreatic trauma, 1133**
- Parotidectomy, superficial, tissue welding forceps in, 51**
- Pediatric patient**
 blunt trauma to
 to head, intracranial pressure monitoring for, 1088
 to liver, 798
 causes of esophageal rupture in, 750
 laparoscopic cholecystectomy for biliary dyskinesia in, 587, 1069
 managing high-grade splenic injury in, 988
 ovarian masses in, management and outcomes of, 1062
 trauma to
 acute acalculous cholecystitis after (letter), 881
 hyperglycemia and infections with, 195
 intracranial pressure monitoring for brain injury with, 1088
 penetrating neck, exploration for, 1104
 video-assisted transumbilical Meckel's diverticulectomy in, 327
- Pelvic fractures**
 clinical examination versus plain film in diagnosing, 476
 risk assessment for on admission, 761
- Pelvic ring fractures, initial assessment and outcome of, 538**
- Pelvic x-ray, for hip fracture diagnosis, 476**
- Penetrating trauma. See Trauma, penetrating**
- Penrose drain placement, in pancreatic necrosectomy, 1050**
- Percutaneous drainage**
 for diverticulitis, 1041
 for hepatic abscess, 178
- Performance measures, affecting colorectal surgery outcome, 1012**
- Periampullary tumors, predicting resectability and margins of, 1026**
- Perianal disease, in Crohn's disease, 59**
- Pericardial tamponade, after penetrating thoracic injury, 11**
- Perioperative morbidity, predicting in laparoscopic cholecystectomy, 156**
- Peripheral arterial disease, of lower extremity, 275**
- Peristalsis, esophageal, Rett syndrome and, 315**
- Peritoneal biopsy, for tuberculous peritonitis (letter), 1223**
- Peritonitis, tuberculous, laparoscopic peritoneal biopsy for (letter), 1223**
- PET scans, for thyroid cancer, 389**
- Phantom breast pain, after breast reconstruction, 285**
- Pheochromocytoma**
 with multiple organ failure (letter), 1119
 ruptured, treatment of (letter), 1124
- Phytobezoar, in small bowel obstruction, 136**
- Plain film radiology, in pelvic fracture diagnosis, 476**
- Pneumatosis, nongangrenous esophageal and gastric, conservative management of (letter), 272**
- Pneumatosis intestinalis, of small intestine (letter), 1127**
- Pneumonia, ventilator-associated**
 prevention guidelines for (letter), 183
 reduction in inadequate empiric antibiotics for, 516
- Pneumoperitoneum, in the intubated patient (letter), 452**
- Pneumothorax, occult, management of without tube thoracostomy, 958**
- Popliteal aneurysm, thrombosed giant, 146**
- Portal hypertension**
 complications of, 4
 diagnosis of, 4
 measurement of, 4
 sinusoidal, 4
- Positive pressure ventilation, in occult pneumothorax, 958**
- Postoperative period**
 blood glucose variability and mortality in, 679
 clopidogrel and bleeding in, 721
 infection in after pancreatic resection, 572
- Preoperative briefing protocol, in teamwork accuracy in operating room, 817**
- Preoperative screening**
 for gallbladder disease, 832
 for sleep apnea in morbidly obese patient, 834
- Prognostic indicators/predictors**
 of below-knee amputation, 607
 for quality of life after cholecystectomy, 400
- Prosthetic dialysis grafts, fistulogram after, 1154**
- Prosthetic vascular conduit, in contaminated fields, 524**
- Pseudomembranous colitis, fulminant, early surgical intervention for, 20**
- Pseudoxanthoma elasticum, gastric hemorrhage and (letter), 361**
- Pulmonary angiography, CT venography and, 935**
- Pulmonary artery catheter, complications of, 235**
- Pulmonary circulation, first description of, 440**
- Pulmonary embolism**
 after blunt head trauma, 906
 identified on chest CT, 1146, 1149
- Pyelography, retrograde, for renal injury, 667**
- Pyloric exclusion, for severe duodenal injuries, 925**

Q

- Quality of care, medical costs and, 455**
- Quality of life, prognostic indicators of after cholecystectomy, 400**

R

- Radiation-induced rectourethral fistula, endorectal advancement flap and Alloderm graft repair for, 341
- Radiation therapy
 - locally recurrent angiosarcoma after excision with (letter), 1227
 - for male breast cancer, 707
 - for unresectable hepatocellular carcinoma metastasis to mandible, 346
- Radioactive iodine ablation, for thyroid cancer, 389
- Radiofrequency ablation
 - percutaneous, diaphragmatic hernia after, 129
 - for unresectable liver tumors, 594
- Radiography
 - with computed tomography of cervical blunt trauma, 855
 - for renal injury evaluation, 667
- Radionuclide scintigraphy, for renal injury, 667
- Readmission, fever at discharge and, 1151
- Recombinant factor VIIa (rFVIIa), in trauma setting, 413
- Rectal contrast media, in CT scan for appendicitis, 917
- Rectal mucosa prolapse, procedure for, 443
- Rectal resection, for solitary rectal ulcer syndrome, 967
- Rectourethral fistula, radiation and cryoablation-induced, 341
- Rectum
 - cutaneous metastases of cancer of, 138
 - leiomyoma of, unusual presentation of (letter), 448
 - life-threatening bleeding at, unusual cause of (letter), 1224
- Rectus abdominis-posterior sheath (RAPS) flap, for gaps in midline abdominal incisions, 1094
- Renal angiography, for renal injury, 667
- Renal cell carcinoma, metastatic to pancreas (letter), 358
- Renal injury
 - complications of, 667
 - current management of, 667
 - staging of, 667
- Renal insufficiency, with renal injury, 667
- Renal parenchyma, devitalized, 667
- Renal trauma, urinoma after, 62
- Renovascular injury, management of, 667
- Resident perspectives, on mandated work hour restrictions, 542
- Residents, attitudes of toward glucose control in surgical patients, 993
- Respiratory failure, in George Washington, 770
- Resuscitation, of hypotensive head-injury patients, 253
- Retrograde jejuno gastric intussusception, recurrent (letter), 1218
- Rett syndrome, gastric perforation and, 315
- Reverse J arteriovenous graft configuration, for hemodialysis access, 620
- Revised Trauma Score, in trauma surgery evaluation, 494
- Rib fractures, perils of, 310
- Richter's hernia, preperitoneal, after laparoscopic gastric bypass (letter), 882
- Rifampin, for prosthetic-associated infection prevention, 524
- Risk assessment, for pelvic fracture, 761
- Roux-en-Y gastric bypass
 - 23-hour stay outcomes for, 1206
 - endoscopic retrograde cholangiopancreatography after, 689
 - at large academic medical center, 962
 - pancreatic resection after, 729
 - robotic-assisted, 1022

S

- Scalp, angiosarcoma of (letter), 1228
- Schistosomiasis, in acute appendicitis, 221
- Schwannoma, gastrointestinal, 753
- Sclerosing mesenteritis, masquerading as small bowel mesentery neoplasm, 743
- Scroll technique, in laparoscopic repair of spigelian hernia, 108
- Sentinel lymph node biopsy (SLNB)
 - for breast cancer, 423
 - for melanoma, regional differences in use of, 981
- Sentinel lymph node mapping, for breast cancer, 423
- Seprafilm, sterile intra-abdominal fluid collection with, 1107
- Sepsis
 - drotrecogin alfa activated for, 898
 - intra-abdominal following pancreatic resection, 572
- Septic shock, in George Washington, 770
- Serosal repair, therapeutic laparoscopy in, 1166
- Shock, in renal injury, 667
- Sigmoid colon, duplication cyst of, 250
- Sigmoid volvulus, in air traveler (letter), 358
- Sinusoidal portal hypertension, current management of, 4
- Skin
 - lesion excision of, lack of complications in, 354
 - rectal cancer metastasis to, 138
- Skin grafts
 - for gaps in midline abdominal incisions, 1094
- Sleep apnea, in morbidly obese patients, 834
- Small bowel
 - idiopathic pneumatosis intestinalis of (letter), 1127
 - mesentery neoplasms of, sclerosing mesenteritis masquerading as, 743
 - obstruction of
 - phytobezoar causing, 136
 - rate of after colectomy, 1001
 - primary melanoma of, 318
- Small cell carcinoma, of gallbladder, successful treatment of (letter), 272
- Snake, mythical healing power of, 330
- Soft tissue tumors, retroperitoneal, subtypes of, 1202
- Solitary rectal ulcer syndrome, pathogenesis, evaluation, and management of, 967
- Southeastern Surgical Congress, challenges for, 455
- Spigelian hernia
 - laparoscopic repair of, 108
 - mesh-free laparoscopic repair of, 713
- Spinal trauma, radiography and CT for, 855
- Spleen
 - blunt trauma to, selecting nonoperative management of (letter), 876
 - embolization of for splenic laceration with mononucleosis, 149
 - hemorrhage of after colonoscopy (letter), 448
 - high-grade injury of in children, management of, 988
- Spleen, laceration of, splenic embolization for, 149
- Splenectomy
 - after trauma, 410
 - laparoscopic, endovascular stapler integrity and, 322
- Splenic artery embolization
 - endovascular stapler integrity and, 322
 - progressive splenomegaly after, 437
- Splenic portal vein tumor thrombus, with metastatic renal cell carcinoma to pancreas (letter), 358
- Splenic vein thrombosis, with massive gastric bleeding (letter), 184
- Splenomegaly
 - with infectious mononucleosis, 149
 - progressive, after splenic artery embolization, 437
- Squamous cell carcinoma
 - complicating hidradenitis suppurativa, 1177
 - metastatic to flank (letter), 447
- Staple line reinforcement, bioabsorbable, 462
- Stapled transanal rectal resection, for solitary rectal ulcer syndrome, 967
- Stenting
 - for esophageal cancer after perforation, 1215
 - for thoracic aortic dissection, 364
- Sterile intra-abdominal fluid collection, with Seprafilm use, 1107
- Stomach, gastrointestinal stromal tumor of, with MALT lymphoma, 232
- Streptococcus pneumoniae, in bacterial meningitis with ruptured mycotic aneurysm, 73
- Stress response, insulin therapy for in ICUs, 679
- Stromal sarcoma, endometrial, after hysterectomy and tamoxifen therapy, 726

- Subcutaneous linea alba fasciotomy, for abdominal compartment syndrome, 746
- Superior mesenteric artery syndrome, duodenal derotation for, 644
- Superior vena cava syndrome, with central venous catheter, 1195
- Superselective angioembolization, for renal injury, 667
- Surgeon practice patterns, with mastectomies, 902
- Surgery Outcomes Database, functional, Internet-accessible, 548
- Surgery-related Web sites, measuring quality of, 997
- Surgical Care Improvement Project (SCIP), reducing infection in elective colorectal surgery, 1012
- Surgical exploration, for Zollinger-Ellison syndrome, 563
- Surgical resection
- for diverticulitis, 1041
 - emergency, 305
 - endoscopic, of gastric GIST, 1186
 - for esophageal cancer after perforation, 1215
 - of lung cancer after contralateral bullectomy (letter), 1116
 - open, for adrenal and extraadrenal neuroendocrine tumors, 37
 - for primary colonic lymphoma, 214
- Surgical residency
- future directions in training for (letter), 187
 - at Ochsner Clinic Foundation, 793
- Surgical shunts, for portal hypertension, 4
- Surgical specialists, attitudes of toward venous thromboembolism prophylaxis, 189
- Surgical therapy
- for achalasia, practical approaches to, 97
 - of alcohol-associated chronic pancreatitis, 503
 - BCAA-enriched TPN with in malnourished cancer patients, 237
 - for cervical paragangliomas, 1171
 - clopidogrel and bleeding after, 721
 - emergent and elective, in extreme elderly, 614
 - for fulminant pseudomembranous colitis, 20
 - for hepatic abscess, 178
 - for hepatic portal venous gas after blunt abdominal trauma, 335
 - for lobular neoplasia, 172
 - for malignant peripheral nerve sheath tumor, 47
 - for necrotizing fasciitis, 809
 - necrotizing fasciitis after, 405
 - outcomes of in iliofemoral bypass grafting, 555
 - provider attitudes toward glucose control in, 993
 - for renal injuries, 667
 - for small cell carcinoma of gallbladder (letter), 272
 - for Spigelian hernia repair, 713
 - techniques of for pancreatic trauma, 1133
 - for thoracic aortic dissection, 364
 - for thyroid cancer, 389
- Survival analysis, for gastrointestinal carcinoid tumors, 418
- Suture, for incisional hernias, 227
- Swan-Ganz catheter, complications of, 235
- T**
- Tack fixation, for incisional hernias, 227
- Tamoxifen, endometrial stromal sarcoma after therapy with, 726
- Taser associated injuries, case reports on, 862
- Teaching hospital, seasonal mortality rate variation in trauma services of (letter), 878
- Teamwork interventions, preoperative briefing protocol in accuracy of, 817
- Teratomas, in right lower quadrant pain, 56
- Testicular descent, failed, inguinal canal dilatation for, 69
- Thoracic aorta
- dissections of, 364
- Thoracic aortic
- disruption of from blunt trauma, 580
- Thoracic injury, penetrating, ultrasound for, 11
- Thoracoabdominal impalement, dual, in vehicular trauma, 757
- Thoroscopic splanchnicectomy, bilateral, for pain relief in chronic pancreatitis, 510
- Thrombectomy, fistulogram after, 1154
- Thromboembolic prophylaxis, in blunt traumatic intracranial hemorrhage, 906
- Thrombosed giant popliteal aneurysm, case report of, 146
- Thrombosis, of superior vena cava, with central venous catheter, 1195
- Thyroglobulin monitoring, for thyroid cancer, 389
- Thyroid gland
- anaplastic carcinoma of, 389
 - cancer of
 - classification systems for, 389
 - locally advanced, 389
 - medullary, 389
 - treatment of, 389 - diagnosing nodules of, 389
 - synchronous medullary and follicular carcinomas of (letter), 879
- Thyroid suppression, for thyroid cancer, 389
- Thyroidectomy
- documents for, 29
 - evaluating and monitoring clinical pathway of, 29
 - for thyroid cancer, 389
- Tissue oxygen saturation, predicting need for early blood transfusion, 1006
- Tissue welding forceps, in superficial parotidectomy, 51
- Tracheostomy, in George Washington's death, 770
- Transfusion, of leukoreduced products, reduced ARDS with, 117
- Transjugular intrahepatic portosystemic shunts, for portal hypertension, 4
- Transplant patients, pretransplant ultrasound screening for gallbladder disease in, 832
- Trauma. *See also* Brain injury; Chest trauma; Head injury
- acute acalculous cholecystitis after in children (letter), 881
 - all-terrain vehicle, in elderly, 767
 - anoxic brain injury and (letter), 663
 - blunt
 - aortic disruption of and carotid artery injury after, 580
 - to chest, anoxic brain injury and (letter), 663
 - hepatic portal venous gas after, 335
 - intracranial pressure monitoring for in children, 1088
 - to liver, in children and adults, 798
 - predicting adrenal insufficiency after, 262
 - radiography and CT of cervical spine in, 855
 - renal, urinoma after, 62
 - rib fractures and, 310
 - splenic, selecting nonoperative management of (letter), 876
 - thoracic aortic, 580, 1033
 - thromboembolic prophylaxis for intracranial hemorrhage from, 906 - to brain in blast injury, 267
 - brain injury in
 - nonneurologic organ dysfunction after, 866 - in car surfing juveniles, 260
 - craniofacial necrotizing fasciitis after (letter), 777
 - duodenal, pyloric exclusion results for, 925
 - factor VIIa use in, 1159
 - gastric, infections with, 1057
 - to head in elderly patients, 802
 - hyperglycemia and infections with in children, 195
 - intracranial hemorrhage in, warfarin therapy for rapid INR normalization in, 858
 - laparoscopy's role in, 1166
 - to liver, 798
 - management of medically-altered coagulation after, 784
 - on-scene IV insertion for, 1083
 - pancreatic: demographics, diagnosis, and management of, 1133
 - pelvic fracture risk assessment after, 761
 - penetrating
 - to neck in children, 1104
 - of pancreas, 1133
 - in renal injury, 667 - perforation of duodenal diverticulum in (letter), 781
 - predicting adrenal insufficiency after, 262
 - pulmonary embolism identified on evaluation of, 1146, 1149
 - radiography and CT of cervical spine in, 855
 - rFVIIa for, 413
 - rib fractures and, 310

- to spleen
 - managing in children, 988
 - selecting nonoperative management of (letter), 876
- splenectomy after, 410
- thoracic aortic, 1033
- undiagnosed upper extremity deep venous thrombosis after, 124
- vehicular
 - all-terrain, in elderly, 767
 - dual thoracoabdominal impalement in, 757
 - prehospital time and on-scene intravenous line insertion in, 1083
- vehicular, dual thoracoabdominal impalement in, 757
- Trauma centers
 - closure of, patient outcome impact of, 930
 - open abdomen management in, 891
 - transfusion practices at, 953
- Trauma patients
 - cocaine induced acidosis in (letter), 1126
 - need for early transfusions in, 1006
- Trauma service, seasonal mortality rates for (letter), 878
- Trauma surgeons, acute care general surgery coverage by, 494
- Tube thoracostomy, in occult pneumothorax, 958
- Tumor markers
 - with neoadjuvant chemotherapy for locally advanced breast cancer (letter), 271
 - for ovarian masses in children and adolescents, 1062
- Tumor receptor characteristics, in synchronous versus metachronous breast cancer, 702
- Tumoral pseudoangiomatous stromal hyperplasia, of breast, 1211
- Tumors
 - excision of
 - for cervical paragangliomas, 1171
 - of gastric GIST, 1186
 - staging for gastrointestinal carcinoid tumors, 418
- 21-gene RT-PCR assay, in breast cancer risk stratification, 887

U

- Ultrasound
 - endoscopic, in predicting resectability and margins of periampullary tumors, 1026
 - for focal nodular hyperplasia, 1100
 - in gallbladder disease pretransplant screening, 832
 - in hemodialysis access catheter placement, 1111
 - for ovarian masses in children and adolescents, 1062
 - for renal injury, 667
 - thoracic, for penetrating mediastinum injuries, 11
 - for thyroid cancer diagnosis, 389
- University HealthSystem Consortium Clinical Data Base, on volume-outcome relationship for esophagectomy, 939
- Ureters, CT scan mapping of (letter), 1114
- Urinary bladder, gangrene of, 302

- Urine extravasation, with renal injury, 667
- Urinoma
 - case report of, 62
 - with renal injury, 667
- Urinothorax, case report of, 62
- Urogram, for renal injury, 667

V

- Variceal bleeding, portal hypertension and, 4
- Vascular trauma of extremities, CT angiographic evaluation of, 103
- Vasopressors, portal hypertension and, 4
- VATER association, supernumerary kidney in term infant with (letter), 874
- Vein graft, spontaneous rupture of after infrainguinal vascular reconstruction, 210
- Vena cava
 - imaging of before filter insertion, 141
 - inferior, retroperitoneal leiomyosarcoma of, 433
- Venlafaxine, for postoperative pain after mastectomy and breast reconstruction, 285
- Venous thromboembolism
 - after blunt head trauma, 906
 - prophylaxis for, surgical specialist attitudes toward, 189
- Ventilator-associated pneumonia
 - prevention guidelines for (letter), 183
 - reduction in inadequate antibiotics for, 516
- Video-assisted transumbilical Meckel's diverticulectomy, in children, 327
- Vitamin D deficiency, after laparoscopic gastric bypass, 469

W

- Warfarin
 - with minor skin lesion excisions, 354
 - for rapid INR normalization in traumatic intracranial hemorrhage, 858
- Warm ischemia time, reducing in donation after cardiac death, 1198
- Washington, George, cause of death in, 770
- Web sites, surgery-related, measuring quality of, 997
- Weight loss surgery, sleep apnea in patients evaluated for, 834
- Women, uninsured, community breast cancer screening for, 1017
- Work hour restrictions, three-year results of, 542
- Wound
 - dynamic closure of, for decompressive leg fasciotomy wounds, 217
 - infection of in postprocedural necrotizing fasciitis, 405

Z

- Zollinger-Ellison syndrome, personal perspective on, 563